Attorney's Docket No.: 05542-369003 Client's Ref. No.: 2562C2/CMP

OFFICIAL COMMUNICATION FACSIMILE:

OFFICIAL FAX NO: (703) 872-9306

RECEIVED CENTRAL FAX CENTER

Number of pages including this page

MAY 2 3 2005

Applicant: Andreas N. Wiswesser et al.

Art Unit : 3723

Serial No.: 10/616,488

Examiner: Robert A. Rose

Filed

: July 8, 2003

Title

: ENDPOINT DETECTION WITH MULTIPLE LIGHT BEAMS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Attached to this facsimile communication cover sheet is AMENDMENT IN REPLY TO ACTION OF MARCH 23, 2005, faxed this 23rd day of May, 2005, to the United States Patent and Trademark Office.

Respectfully submitted,

Date: May 23, 2005

Reg. No. 34,609

Fish & Richardson P.C. 500 Arguello Street, Suite 500 Redwood City, California 94063 Telephone: (650) 839-5070

Fax: (650) 839-5071

50279023.doc

NOTE: This facsimile is intended for the addressee only and may contain privileged or confidential information. If you have received this facsimile in error, please immediately call us collect at (650) 839-5070 to arrange for its return. Thank you.

Substitute Form PTO-1449 (Modified)	Modified) Patent and Trademark Office		Application No Unassigned 10/6/6488
by A	closure Statement . oplicant	Applicant Wiswesser et al.	
(37 CFR §1.98(b))	eets if necessary)	Filing Date July 8, 2003	Group Art Unit Unknown

			U.S. Pate	ent Documents			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date
BA	AA	4,660,980	04/28/1987	Takabayashi et al.	~	Oubclass	If Appropriate
	AB	5,081,796	01/21/92	Schultz	_		
	AC	5,413,941	05/09/95	Koos et al.			
	AD	5,433,651	07/18/95	Lustig et al.			
	AE	5,461,007	10/95	Kobayashi			
	AF	5,605,760	02/25/97	Roberts			
	AG	5,609,511	03/97	Moriyama et al.			
	AH	5,640,242	06/17/97	O'Boyle et al.			
	AI	5,663,797	09/97	Sandhu			
	AJ	5,672,091	09/30/97	Takahashi et al.			
	AK	5,722,875	03/03/1998	Iwashita et al.			
	AL	5,741,070	04/21/1998	Moslehi	_		
	AM	5,773,316	06/30/1998	Kurosaki et al.			
	AN	5,791,969	08/11/98	Lund			
	AO	5,816,891	10/98	Woo			·-
	AP	5,838,447	11/17/98	Hiyama et al.			
	AQ	5,838,448	11/17/1998	Aiyer et al.			
	AR	5,872,633	02/16/99	Holzapfel et al.			
	AS	5,893,796	04/13/99	Birang et al.			
	AT	5,949,927	09/07/99	Tang	-		
У	AU	5,964,643	10/12/99	Birang et al.			
BOR	AV	6,190,234	2/20/2001	Swedek et al.			

	Foreig	n Patent Do	cuments or F	ublished Foreign F	Patent A	Application	18	
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office			Trans	lation
60	AW	0 824 995 A	2/25/98	EPO EPO	Class	Subclass	Yes	No_
ØQ	AX	881 040 A2	12/02/98	EPO				

Examiner Signature //	Date Considered
ALCON.	1 1 =
Maltre	0607105
EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant.	ot in conformance and not considered. Include copy of this form with
next communication to applicant.	with minimum and the second of the second with

			5.100t <u>Z</u> 01 <u>Z</u>			
Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 05542-369003	Application No. Unassigned 10/6/8433			
by A	Patent and Trademark Office Informati n Disclosure Statement by Applicant (Use several sheets if necessary)	Applicant Wiswesser et al.				
(37 CFR §1.98(b))	neets if necessary)	Filing Date July 8, 2003	Group Art Unit Unknown			

	Foreig	n Patent Doo	cuments or F	ublished Foreign	Patent A	Application	36	
Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Trans	lation
BB	AY	881 484 A2	12/02/98	EPO		Oubclass	Yes	No
66	AZ	3-234467	10/18/91	Japan	-	_		

	Other Do	ocuments (include Author, Title, Date, and Place of Publication)
CAGITITIE	Desig.	t delication)
Initial	ID	Document
	AAA	
	ABB	
	ACC	
	ADD	

Examiner Signature / / /	L Data Caraldard
ATICAL	Date Considered /
/ XI W De	06/07/05
EVAMINED. Initials altertant	[
EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant.	t in conformance and not considered. Include convertely to
next communication to applicant.	with something and not considered. Include copy of this form with

Sheet	1	of	1	

Suisith Pro-PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 05542-369003	Application No. 10/616,488	
		Applicant Andreas N. Wiswesser et al.		
TOSER 61-50))	eets if necessary)	Filing Date July 8, 2003	Group Art Unit 3725	

			U.S. Pate	U.S. Patent Documents									
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate						
BR	AA	5,949,927	09/07/1999	Tang									
	AB	6,071,177	06/06/2000	Lin et al.									
	AC	6,247,998	06/19/2001	Wiswesser et al.		_							
1/	AD	6,361,646	03/26/2002	Bibby, Jr. et al.	_								
6R	AE	6,447,369	09/10/2002	Moore									
	AF												
	AG												
	AH												
	AI			•									
	AJ						•						
	AK												

	Foreign Patent Documents or Published Foreign Patent Applications									
Examiner	Desig.	Document	Publication	Country or Patent Office			Translation			
Initial	ID	Number-	Date		Class	Subclass	Yes	No		
	AL	-		_						
	AM									
	AN									
	AO									
	AP									

	Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner Initial	Desig. ID	Document						
	AQ							
	AR	· · · · · · · · · · · · · · · · · · ·						
, <u> </u>	AS	,						
	AT							

<u> </u>	
Examiner Signature //) //	Date Considered ,
Mistra	06/07/05
EXAMINER: Initials citation considered. Draw line through citation if r	not in conformance and not considered. Include copy of this form with
next communication to applicant.	
	Substitute Disclosure Form (PTO-1449)



Sheet	•	_	•
Chaat	1	of	

Substitute Form PTO-1449	Patent and Trademark Office Information Disclosure Statement	Attorney's Docket No. 2562C2-369003	Application No. 10/616,488	
Patent and Trademark Office Information Disclosure Statement by Applicant Use several sheets if necessary)	Applicant Andreas N. Wiswesser et al.			
JUL U Z ZUCA Gijse several si	neets if necessary)	Filing Date July 8, 2003	Group Art Unit 3725	

Course de	•		U.S. Pate	ent Documents			-
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
QR	AA	4,927,485	05/22/1990	Cheng	-		
	AB	5,196,353	03/23/93	Sandhu, et al.			
	AC	5,257,478	11/02/93	Hyde et al.			
	ĄD	5,486,129	01/23/1996	Sandhu	-	<u> </u>	
	AE	5,489,233	02/1996	Cook et al.	_		
	AF	5,499,733	03/19/1996	Litvak			
	AG	5,964,643	10/12/1999	Birang			
	AH	6,045,439	04/04/2000	Birang			
	AI	6,146,248	11/2000	Jairath et al.			
	AJ	6,179,709	01/30/2001	Redeker		·	
	AK	6,248,130	03/19/2002	Freeman			
	AL	6,280,290	08/28/2001	Birang			
	AM	6,524,164	02/25/2003	Tolles			
	AN	6,537,133	03/25/2003	Birang			
Y	· AO	6,676,717 B1	01/13/2004	Birang et al.			
<i>B</i> 0	AP	6,719,818 B1	04/13/2004	Birang et al.			

	Foreign Patent Documents or Published Foreign Patent Applications										
Examiner	Desig.	Document	Publication	Country or			Trans	lation			
Initial	D	Number	Date	Patent Office	Class	Subclass	Yes	No			
BB.	AQ	JP 05-138531	06/1993	Japan w/abstract		_	X				
QQ.	AR	JP 05-309558	02/1993	Japan w/abstract	_		х				
<i>3</i> G	AS .	JP 07-052032	02/1995	Japan w/abstract		_	X				
3B	АТ	JP 09-036072	02/1997	Japan w/abstract	_		х				

	Other Documents (include Author, Title, Date, and Place of Publication)								
Examiner	Desig.								
Initial	ID .	Document							
	AU								
	AV								

	^					
Examiner Signature (1)	1)		Date Considered	, ,		
「 5 √ N/ ⊷	K .		0/	11-	•	
John	like.		.061	07/05		
EXAMINER: Initials citation	considered. Draw line	through citation if no	in conformance and h	ot considered.	Include copy of this form with	
nout communication to confi		,			merces copy of and form war	

Sheet	1	~6	•
MILEEL		(11	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attomay's Docket No. 002562C2-369003	Application No. 10/616,488	
by Ap	plicant	Applicant Andreas N. Wiswesser et al.		
	Filing Date Group Art Unit 3725			

	U.S. Patent Documents										
Examiner Initial	Desig. ID	Document Number	Publication / Issue Date	Patentee	Class	Subclase	Filing Date If Appropriate				
BR	AA	6,146,248	11/14/2000	Jairath et al.							
BR	AB	6,261,155 B1	07/17/2001	Jairath et al.							
	AC										
	AD										
	AB										
	AF										
	AG										
	AH										
	AI										
	AJ										
	AK										

Foreign Patent Documents or Published Foreign Patent Applications									
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass		lation	
	AL			•					
	AM								
	AN								
	AO					<u> </u>			
	AP		·						

Other Documents (include Author, Title, Date, and Place of Publication)			
Examiner Initial	Desig. ID	Document	
	AQ		
	AR		
_	AŞ		
	AT		

(), (·			
Examiner Signature	Date Considered			
Collabore.	06/07/05			
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				
	Substitute Disclosure Form (PTO-1449)			